



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090298-A

Mode: Highway

Status: Submitted

(New Route - NC 107 Connector)

From/Cross Street: NC 107 East of Sylva

Specific Improvement Type: 5 - Construct Roadway on New Location

To: West of Cope Creek

Project Category: Regional Impact

Length: 2.77

TIP#: R-4745A

Fully Funded in Draft STIP? No

Cost to NCDOT: \$66,000,000

Description:

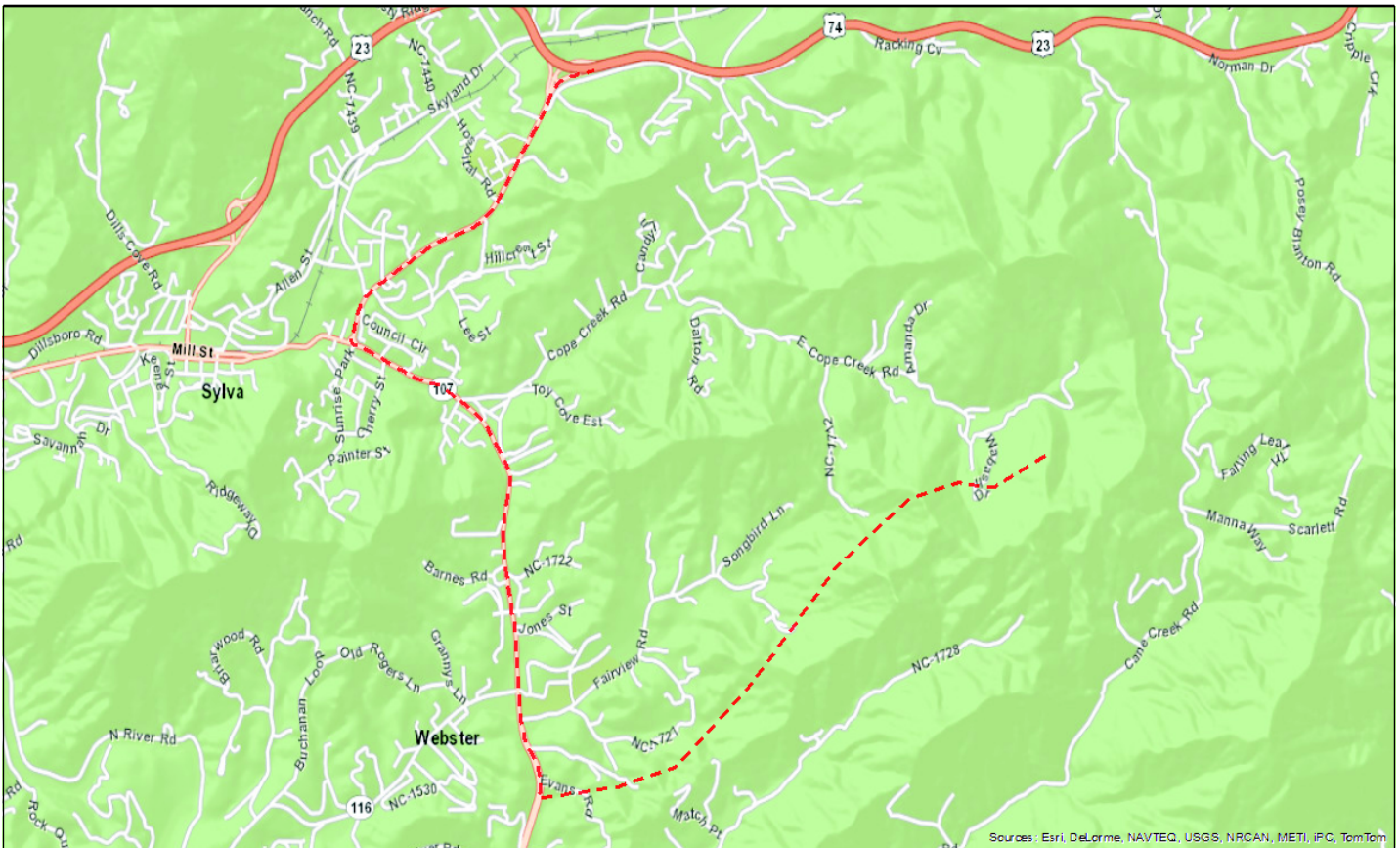
Construct Multi-Lanes on New Location.

Division(s): Division 14

County(s): JACKSON

MPOS(s)/RPO(s): Southwestern RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 49.86	Percent: 15% Points:	Percent: 15% Points:
Safety (10%) 52.59		
[Travel Time] Benefit/Cost (25%) 7.77		
Accessibility / Connectivity (10%) 68.78		
Totals: Weight: 70% Weighted Score: 26.54		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 49.86	Percent: 25% Points:	Percent: 25% Points:
[Travel Time] Benefit/Cost (20%) 7.77		
Safety (10%) 52.59		
Totals: Weight: 50% Weighted Score: 16.78		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	39
Length (miles):	6.1
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	22926.52
Capacity:	33810.38
Volume/Capacity Ratio:	0.68
% Autos:	96%
% Trucks:	4%
Truck Volume:	941.18
Crash Density:	59.53
Crash Severity:	46.97
Critical Crash Rate:	51.27
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	20
Existing Median Type (for Cost Estimation):	TWLT
Pavement Condition Rating:	91
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	60
Length (miles):	2.77
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Other Principal Arterial-Other Freeway
TerrainType:	Mountainous
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	45824723.01
Travel Time Savings for 30 Years (Autos):	43943530.34
Travel Time Savings for 30 Years (Trucks):	1881192.67
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 14

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT OnLine tool and associated databases.

Project Ownership

Division			
Division	Percent	Regional Impact	Division Needs
Division 14	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO			
MPO/RPO	Percent	Regional Impact	Division Needs
Southwestern RPO	100%	0	0
	0%	0	